

ABSTRACT OF THE DISCLOSURE

A diffraction type lens in an optical pickup apparatus for recording and reproducing two or more kinds of optical recording media is constituted by a substrate having one surface formed with a zone plate exhibiting a smaller converging action with respect to a wavelength λ_1 of light and a greater converging action with respect to a wavelength λ_2 of light, and the other surface formed with a zone plate exhibiting a smaller converging action with respect to the wavelength λ_2 of light and a greater converging action with respect to the wavelength λ_1 of light. The substrate is transparent to the wavelengths λ_1 and λ_2 of light.